

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001956.D
 Acq On : 12 Mar 2020 12:05
 Operator : SY/MD
 Sample : L1752-01
 Misc : 7.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-031120

Quant Time: Mar 13 07:15:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	74100	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	95758	56.43	ug/l	0.00
Spiked Amount			Recovery	=	112.86%	
35) Dibromofluoromethane	7.75	113	88795	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
50) Toluene-d8	10.19	98	344420	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.49	95	100871	41.85	ug/l	0.00
Spiked Amount			Recovery	=	83.70%	

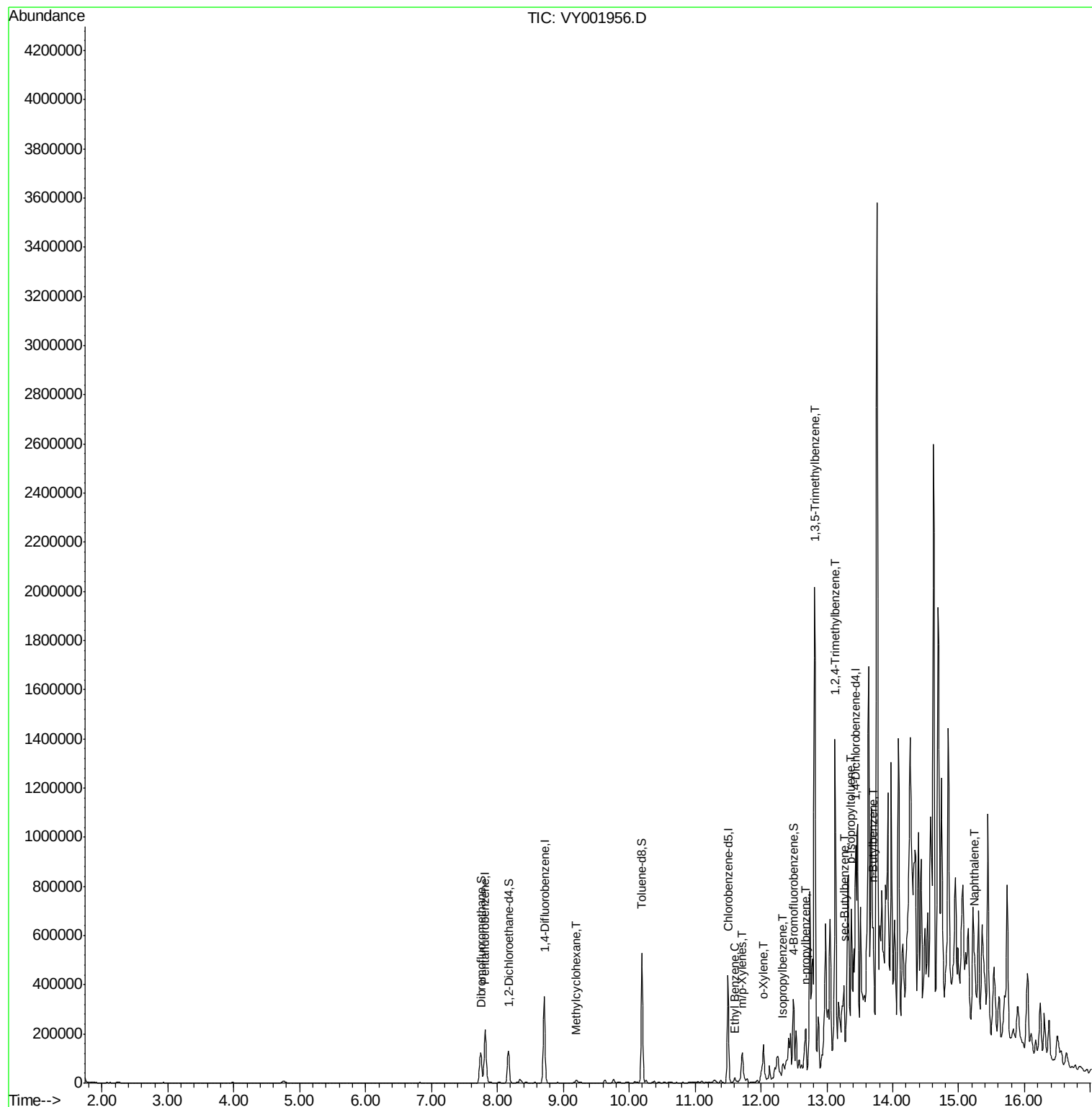
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.21	83	4582	1.193	ug/l	97
67) Ethyl Benzene	11.60	91	13870	1.559	ug/l	100
68) m/p-Xylenes	11.71	106	19792	6.018	ug/l	100
69) o-Xylene	12.04	106	35839	11.562	ug/l	99
73) Isopropylbenzene	12.34	105	19228	3.399	ug/l	99
78) n-propylbenzene	12.68	91	131857	18.894	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	243670	52.326	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	690358	149.382	ug/l	100
85) sec-Butylbenzene	13.26	105	92163	16.166	ug/l	86
86) p-Isopropyltoluene	13.38	119	64551	13.126	ug/l	99
89) n-Butylbenzene	13.70	91	168069	32.940	ug/l #	78
95) Naphthalene	15.24	128	130807	39.856	ug/l #	94

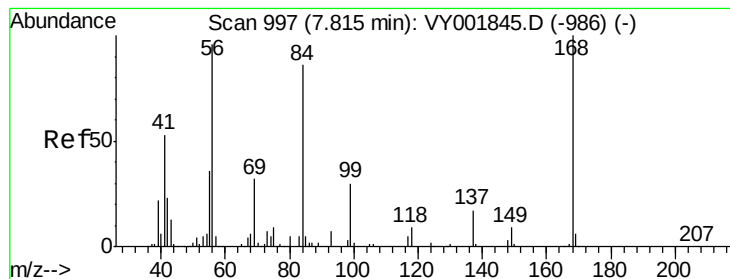
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

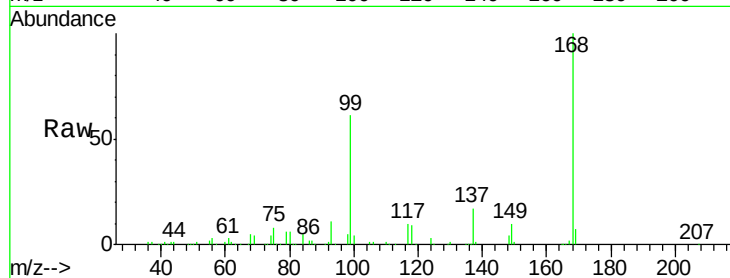
HD-01-031120

Tot Ion:168 Resp: 158946

Ion Ratio Lower Upper

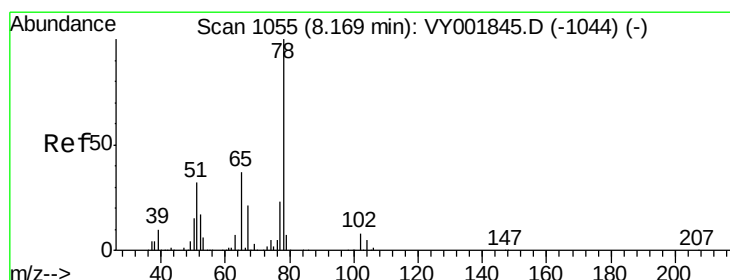
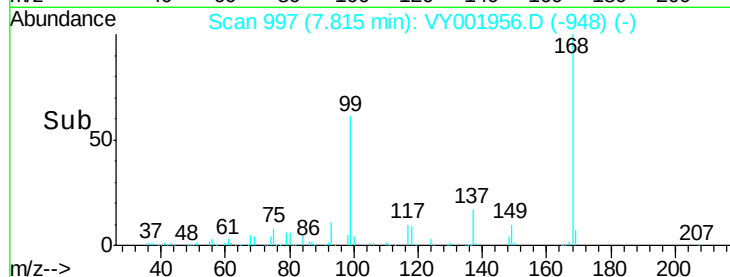
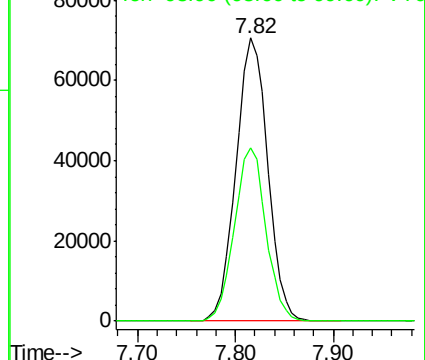
168 100

99 61.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001956.D (-1006) (-)

Ion 98.90 (98.60 to 99.60): VY001956.D (-1006) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.433 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001956.D

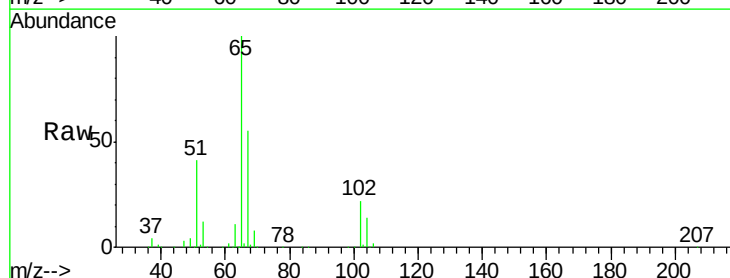
Acq: 12 Mar 2020 12:05

Tgt Ion: 65 Resp: 95758

Ion Ratio Lower Upper

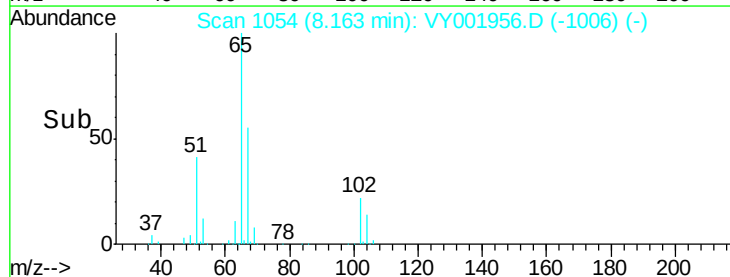
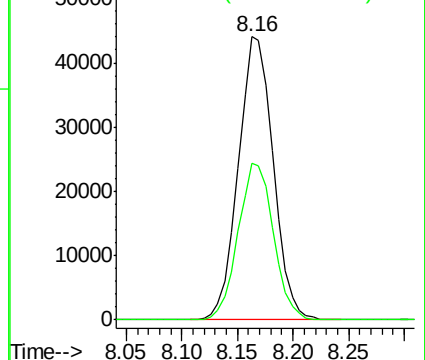
65 100

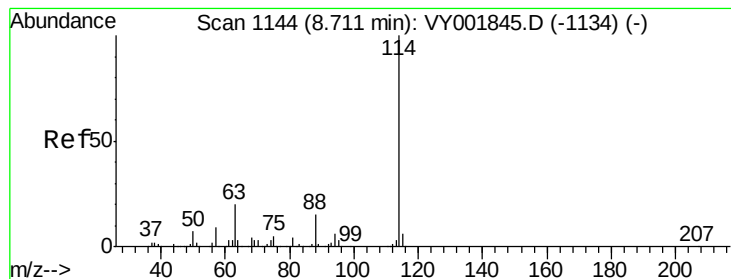
67 56.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001956.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001956.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-031120

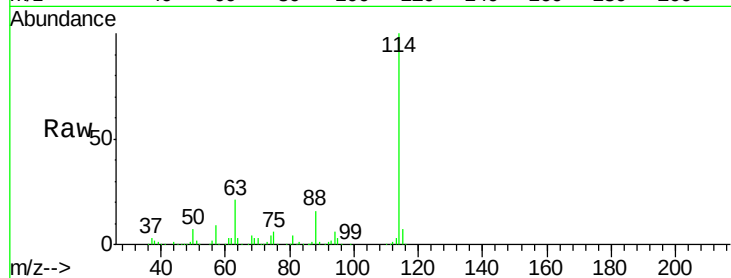
Tot Ion:114 Resp: 301046

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.4

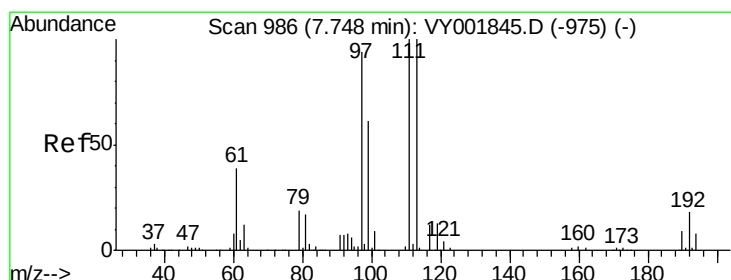
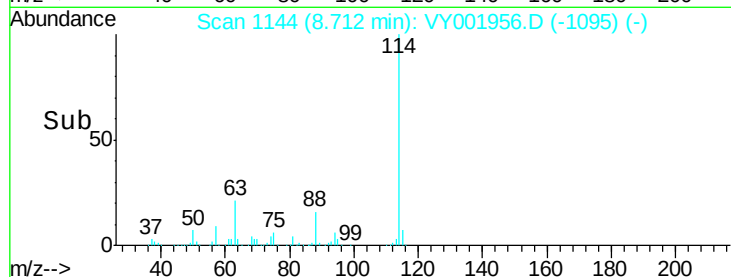
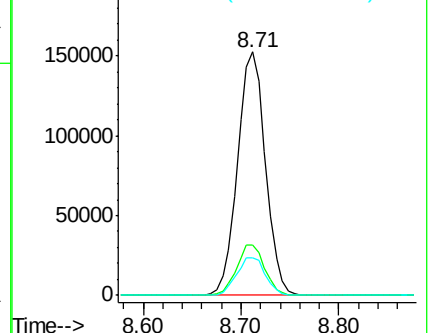
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 54.017 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

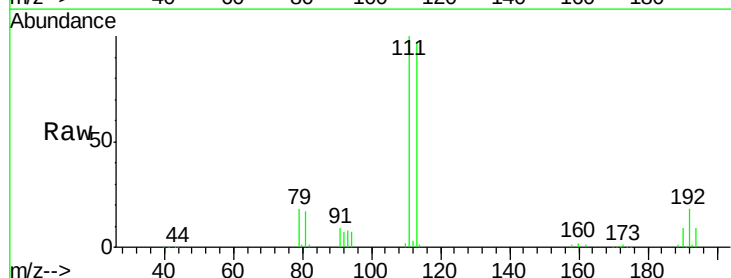
Tgt Ion:113 Resp: 88795

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

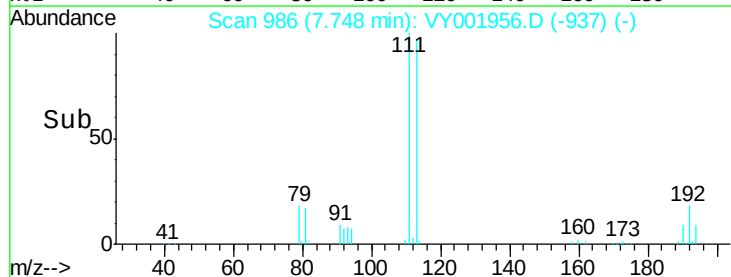
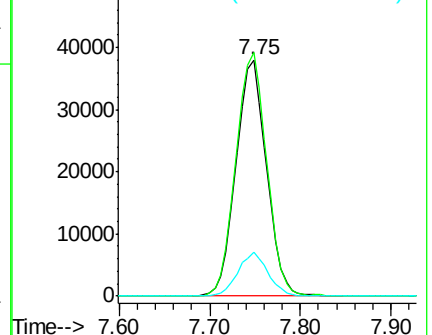
192 18.2 14.2 21.2

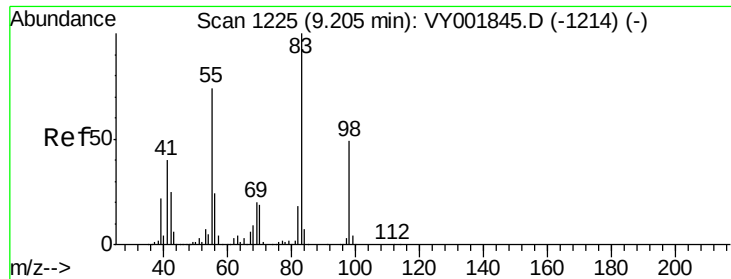


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

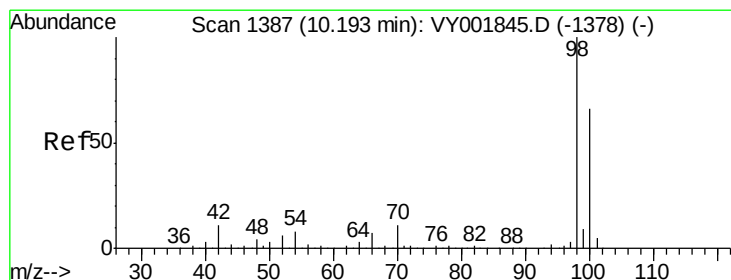
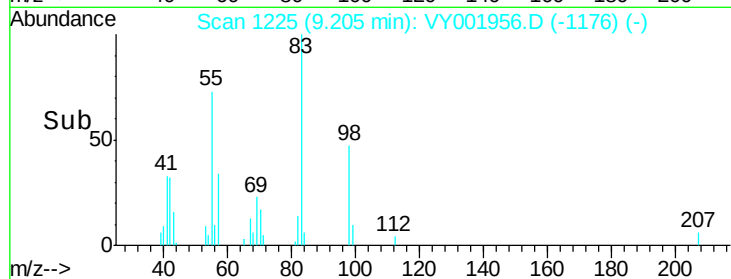
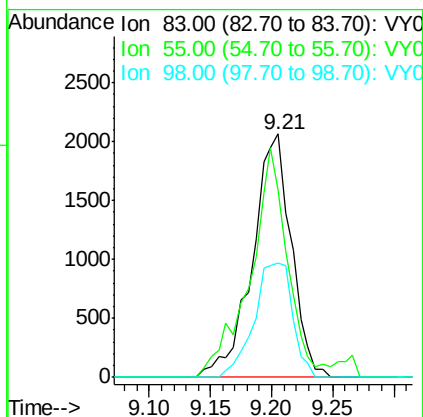
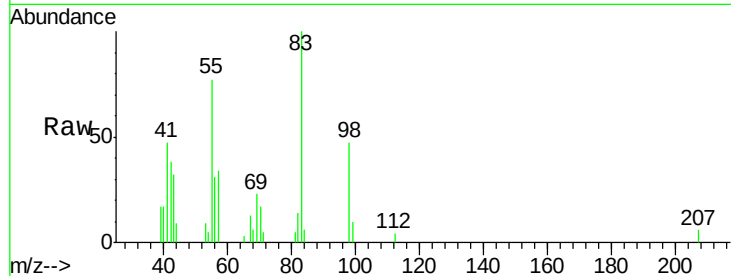




#39
Methylvlcyclohexane
Concen: 1.193 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

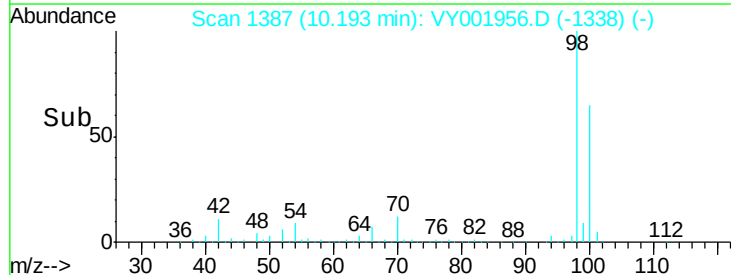
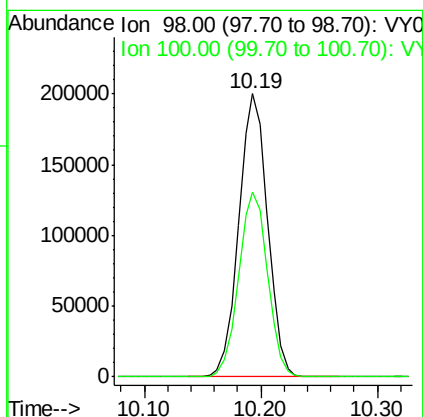
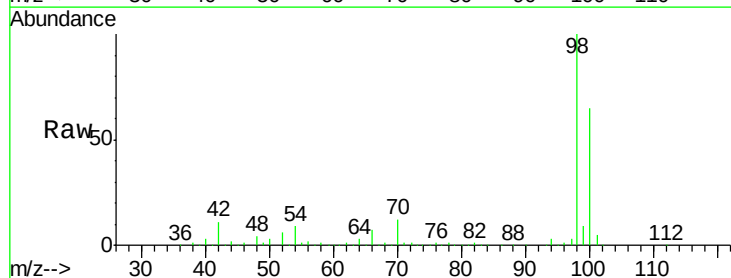
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-031120

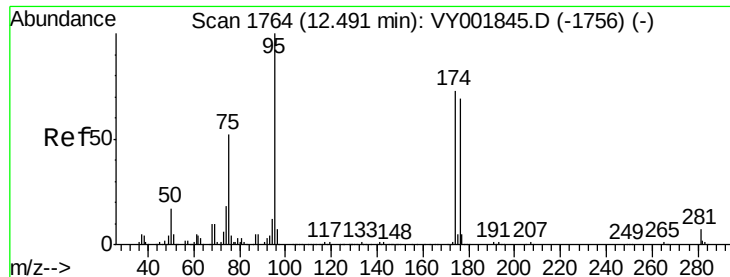
Tot Ion: 83 Resp: 4582
Ion Ratio Lower Upper
83 100
55 77.0 59.4 89.0
98 47.0 38.9 58.3



#50
Toluene-d8
Concen: 49.687 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

Tgt Ion: 98 Resp: 344420
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

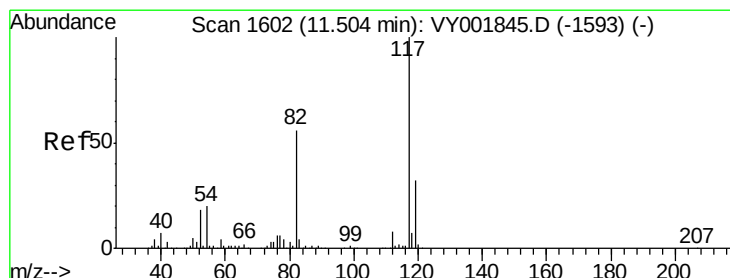
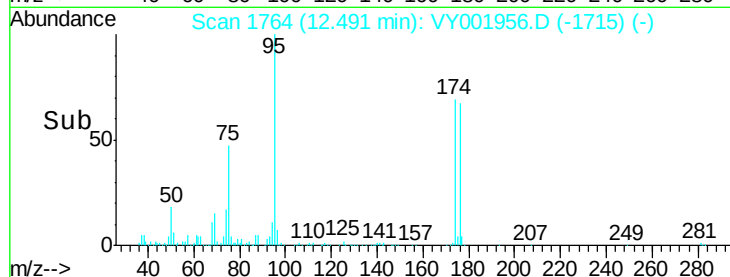
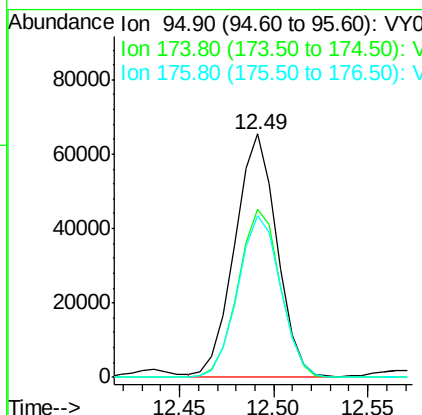
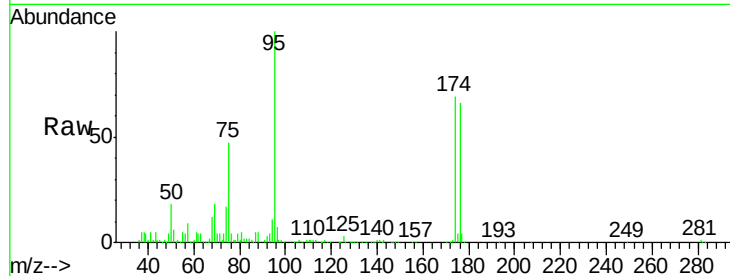




#62
4-Bromofluorobenzene
Concen: 41.850 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

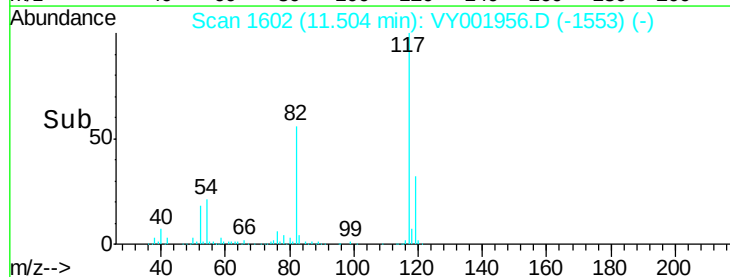
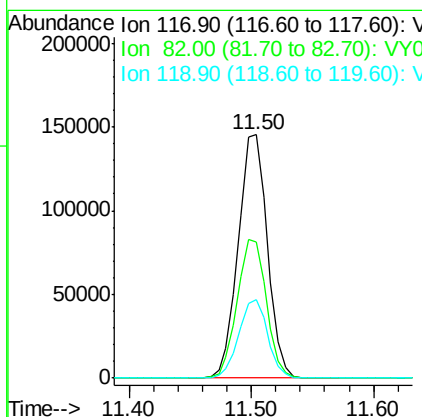
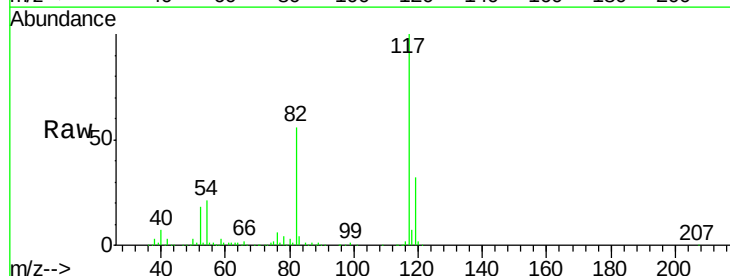
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-031120

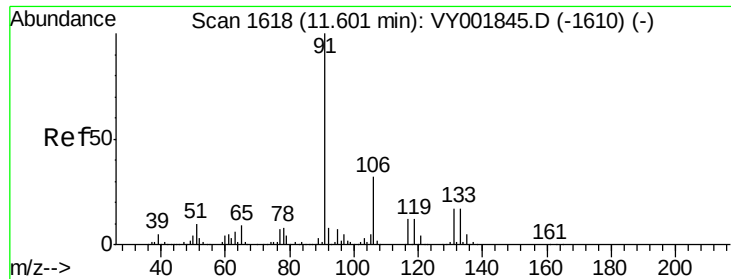
Tot Ion: 95 Resp: 100871
Ion Ratio Lower Upper
95 100
174 69.4 0.0 145.0
176 67.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

Tgt Ion: 117 Resp: 239367
Ion Ratio Lower Upper
117 100
82 55.9 44.5 66.7
119 32.0 25.7 38.5

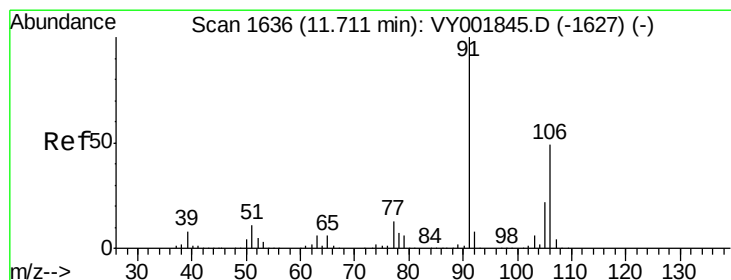
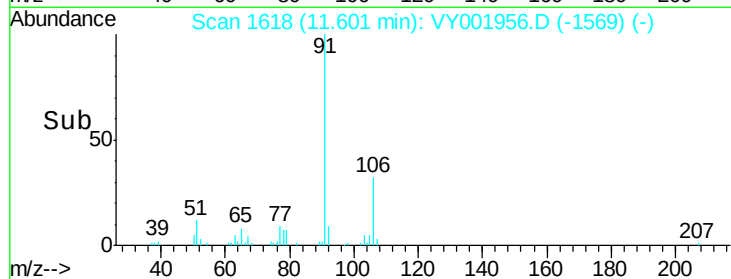
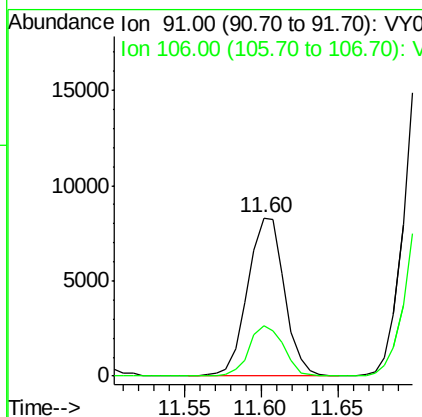
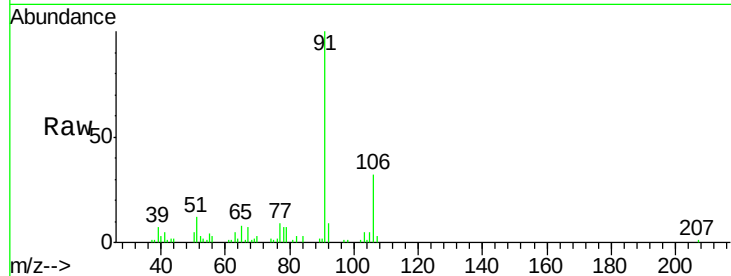




#67
Ethyl Benzene
Concen: 1.559 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

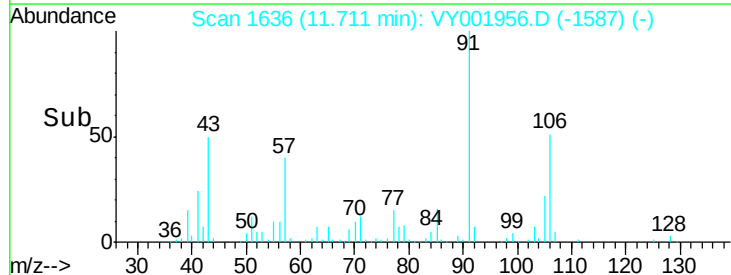
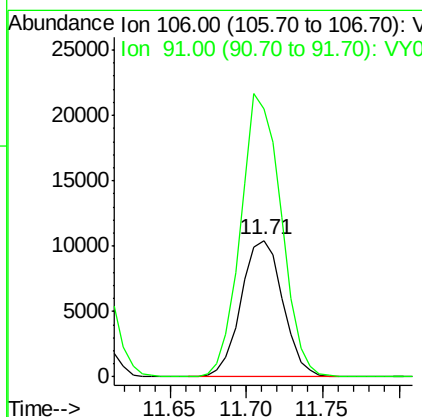
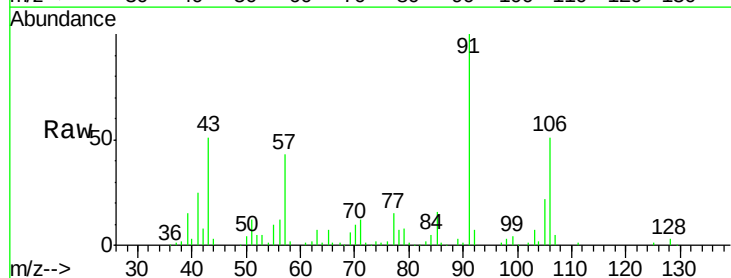
Instrument :
MSVOA_Y
ClientSampled :
HD-01-031120

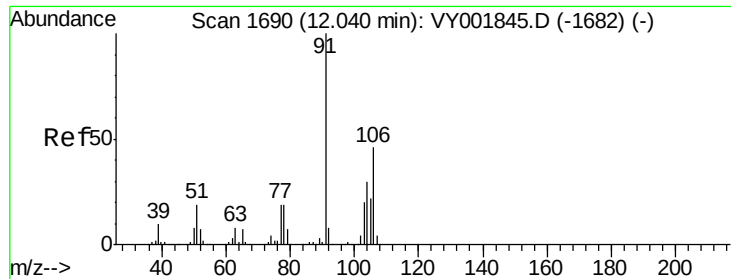
Tot Ion: 91 Resp: 13870
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 6.018 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

Tgt Ion: 106 Resp: 19792
Ion Ratio Lower Upper
106 100
91 201.8 161.3 241.9

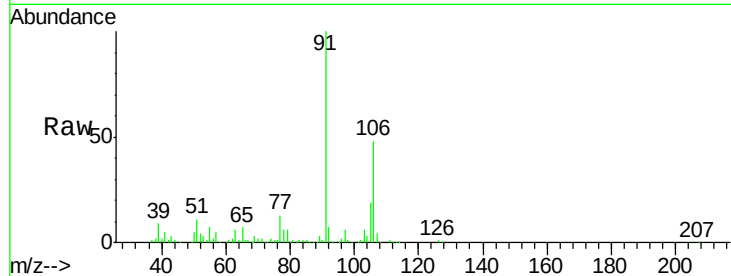




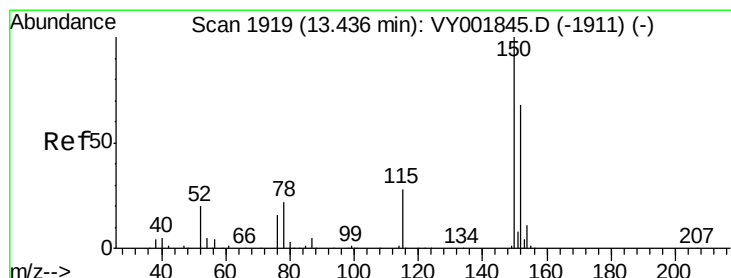
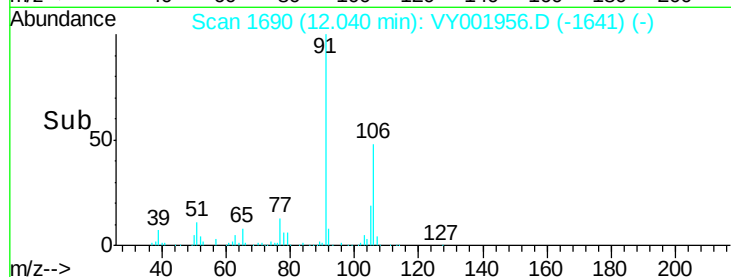
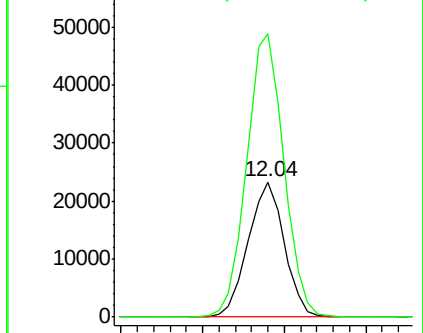
#69
o-Xylene
Concen: 11.562 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

Instrument :
MSVOA_Y
ClientSampled :
HD-01-031120

Tot Ion:106 Resp: 35839
Ion Ratio Lower Upper
106 100
91 215.9 106.8 320.4

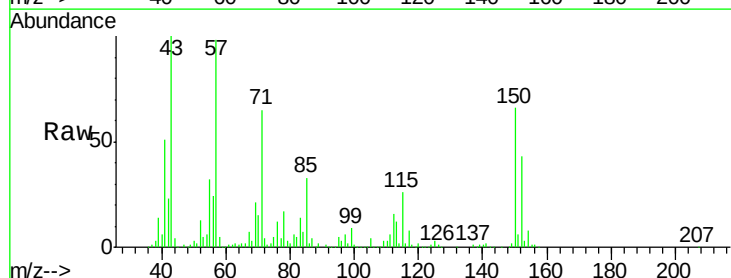


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

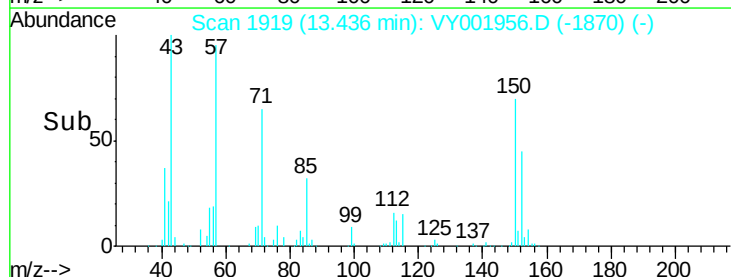
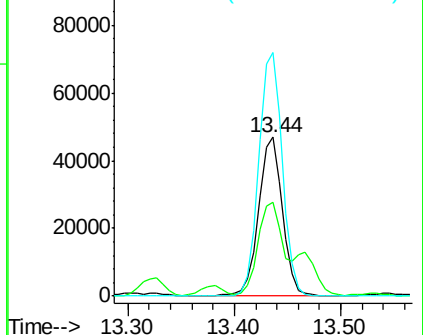


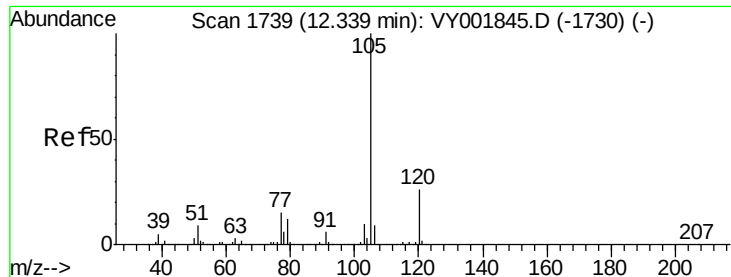
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001956.D
Acq: 12 Mar 2020 12:05

Tgt Ion:152 Resp: 74100
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 150.4 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.399 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

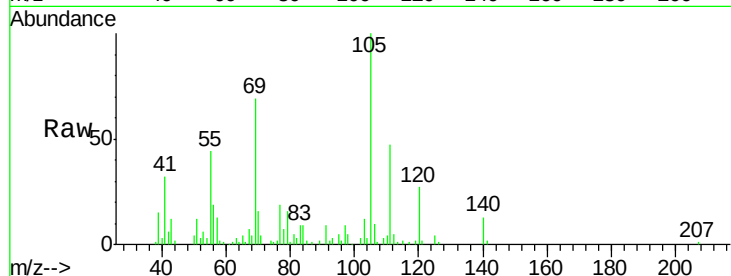
HD-01-031120

Tot Ion:105 Resp: 19228

Ion Ratio Lower Upper

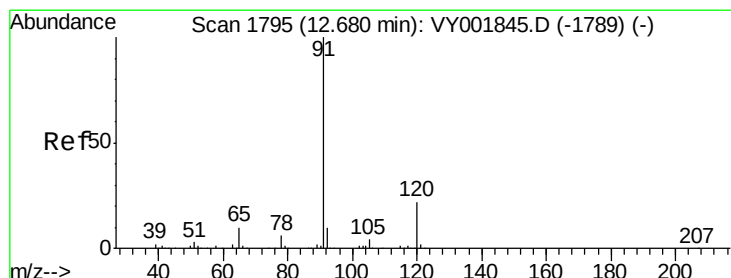
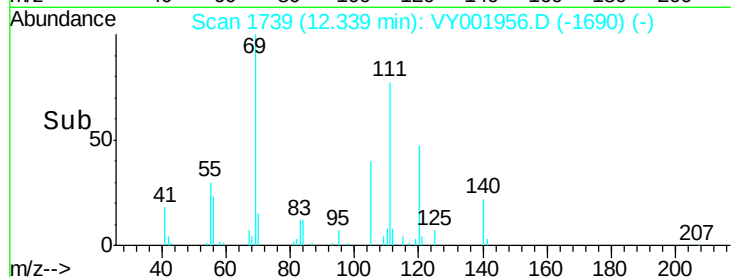
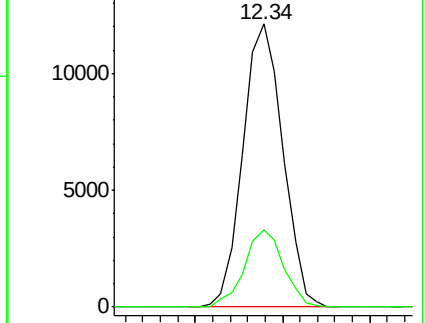
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 18.894 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001956.D

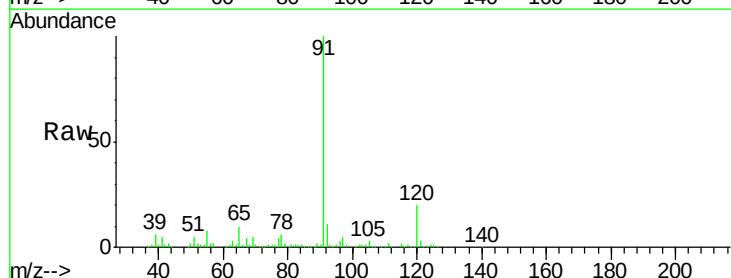
Acq: 12 Mar 2020 12:05

Tgt Ion: 91 Resp: 131857

Ion Ratio Lower Upper

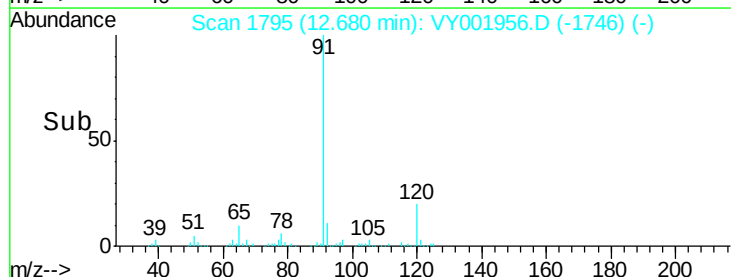
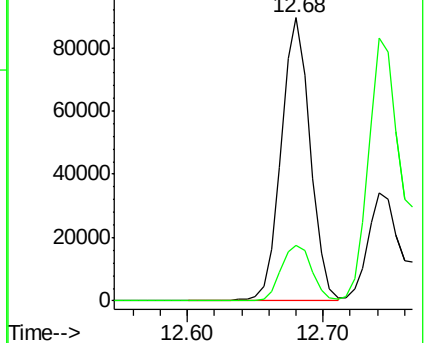
91 100

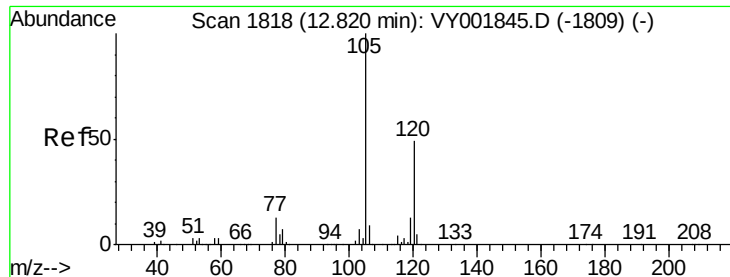
120 21.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 52.326 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

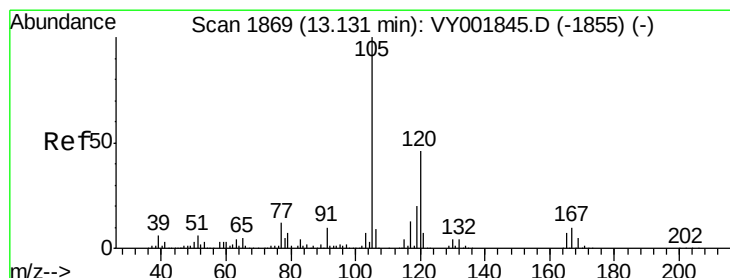
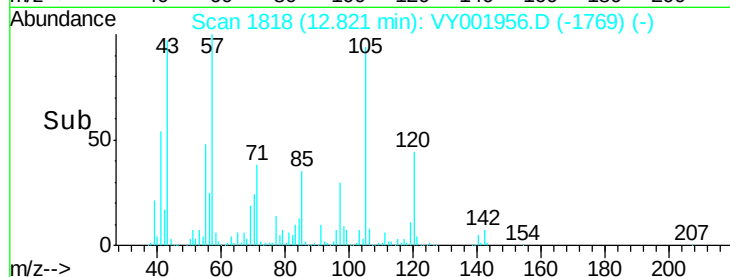
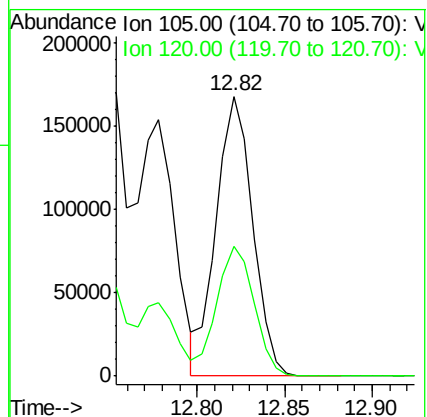
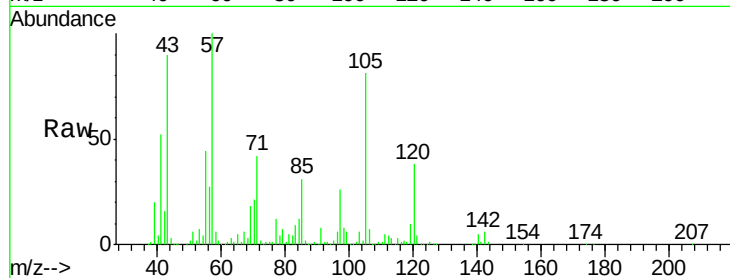
HD-01-031120

Tot Ion:105 Resp: 243670

Ion Ratio Lower Upper

105 100

120 47.8 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 149.382 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VY001956.D

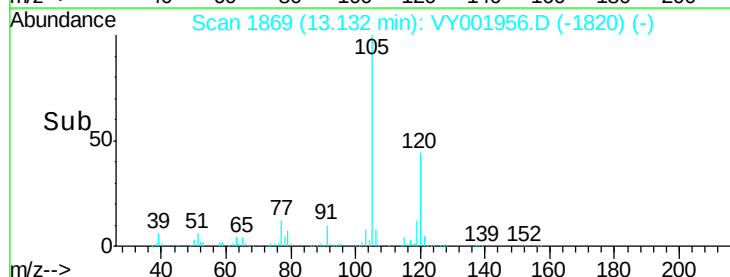
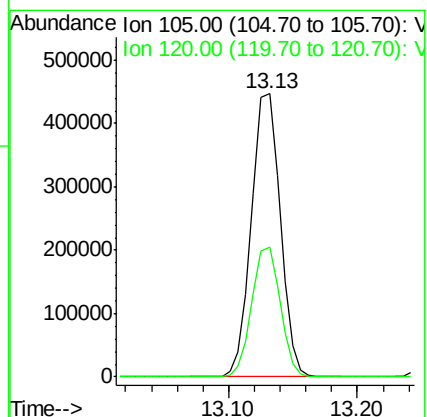
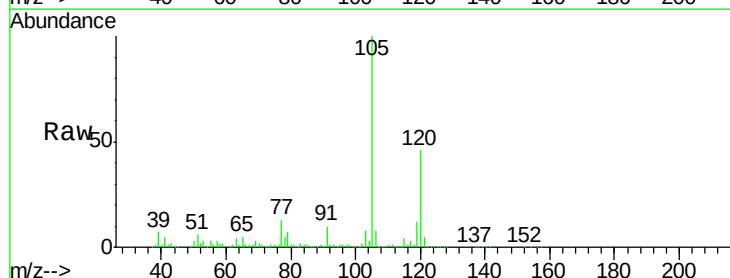
Acq: 12 Mar 2020 12:05

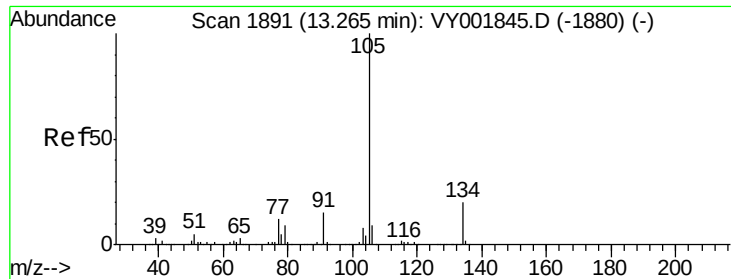
Tgt Ion:105 Resp: 690358

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 16.166 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

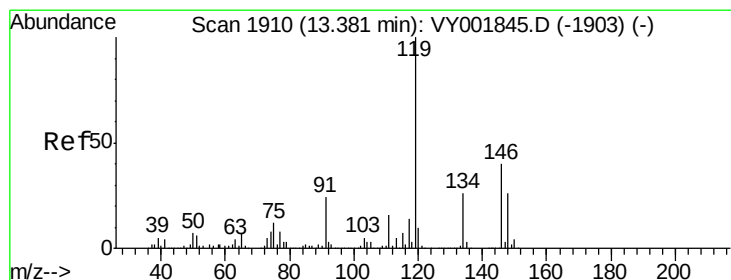
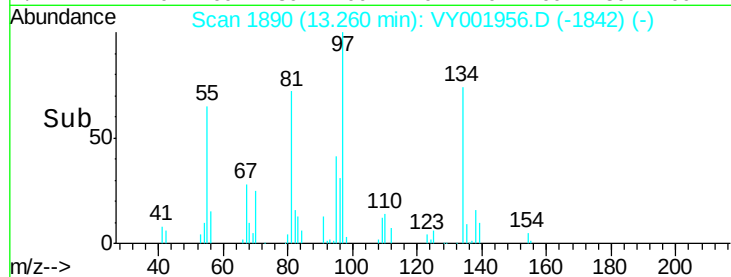
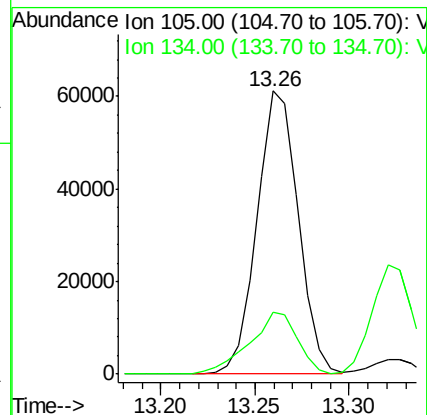
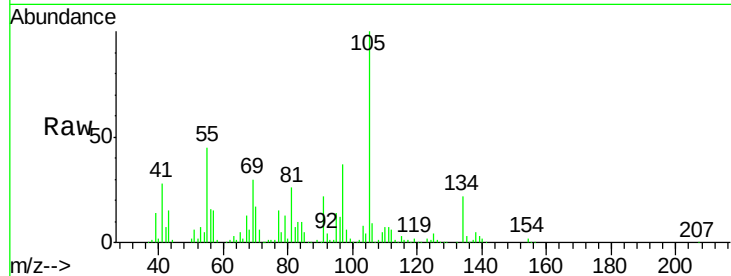
HD-01-031120

Tot Ion:105 Resp: 92163

Ion Ratio Lower Upper

105 100

134 25.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 13.126 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

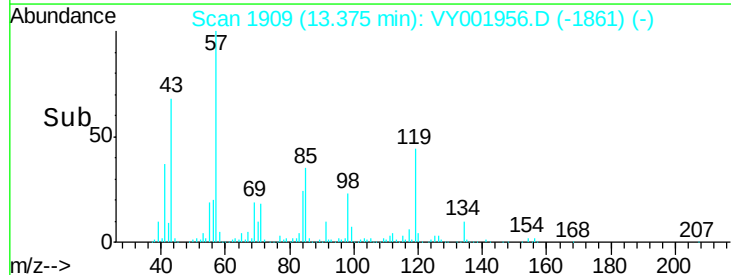
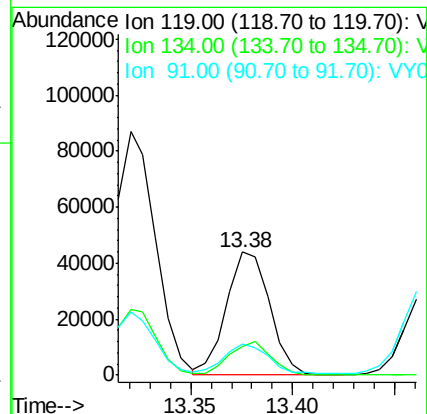
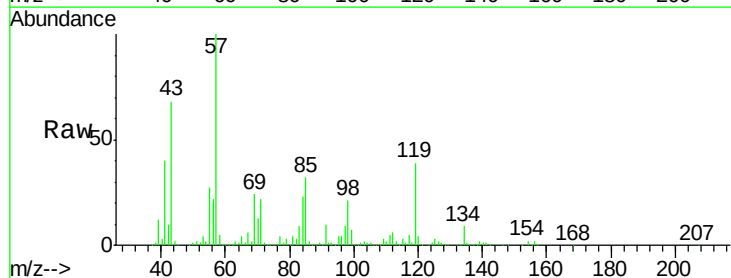
Tgt Ion:119 Resp: 64551

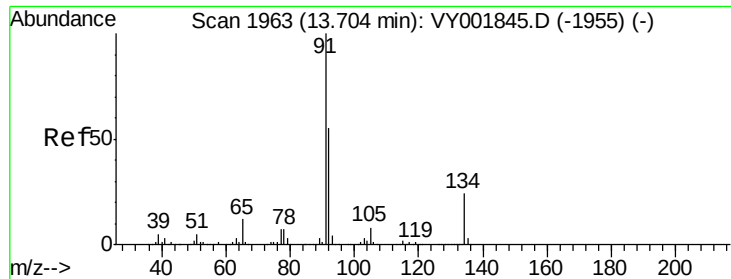
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.4 11.9 35.7





#89

n-Butylbenzene

Concen: 32.940 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-031120

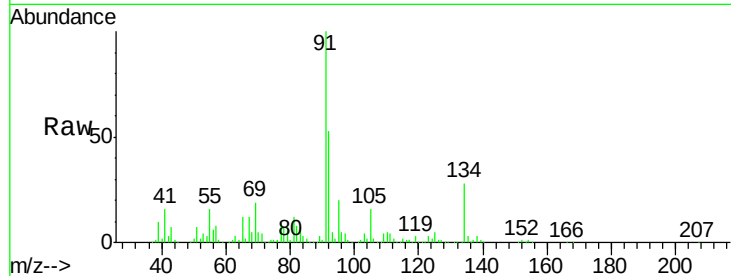
Tot Ion: 91 Resp: 168069

Ion Ratio Lower Upper

91 100

92 61.8 27.5 82.4

134 0.0 12.5 37.5#

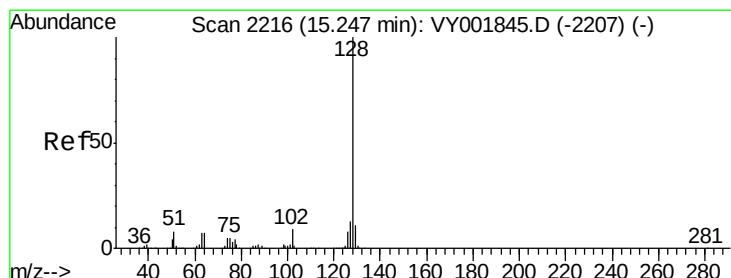
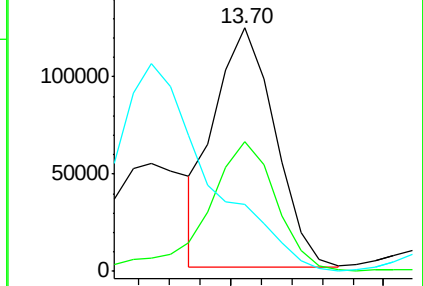
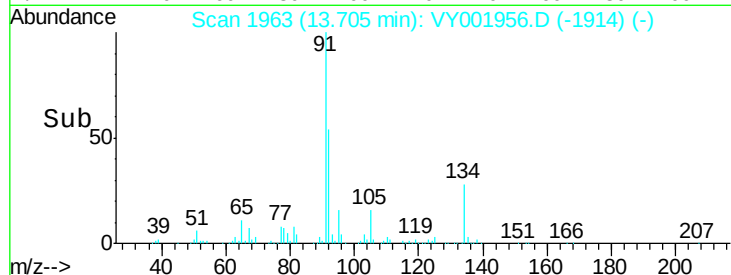


Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001845.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001845.D (-1955) (-)

Time-->



#95

Naphthalene

Concen: 39.856 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001956.D

Acq: 12 Mar 2020 12:05

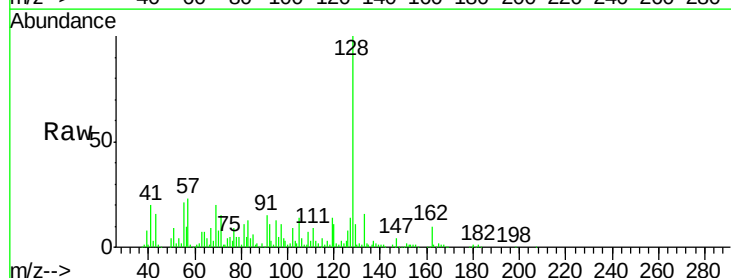
Tgt Ion: 128 Resp: 130807

Ion Ratio Lower Upper

128 100

127 15.2 10.1 15.1#

129 12.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VY001845.D (-2207) (-)

Ion 127.00 (126.70 to 127.70): VY001845.D (-2207) (-)

Ion 129.00 (128.70 to 129.70): VY001845.D (-2207) (-)

Time-->

